VSB College of Engineering Technical Campus

Approved by AICTE, New Delhi & Affiliated to Anna University
Coimbatore to pollachi Road NH - 209, Ealur Privu, Kinathukadavu Taluk,
Coimbatore - 642109, Tamilnadu, India. Email: office@vsbcetc.com Website : www.vsbcetc.com

Vision of the Institute

- *We endeavour to impart futuristic technical education of the highest quality to the student community and to inculcate discipline in them to face the world with self confidence and thus we prepare them for life as responsible citizens to uphold human values and to be of services at large. We strive to bring up the Institution as an Institution of Academic excellence of International standard.*

Mission of the Institute

- *We transform persons into personalities by the state-of-the-art infrastructure, time consciousness, quick response and the best academic practices through assessment and advice*

Department of Mechanical Engineering

Newsletter

MECHATRON

Volume 1, Issue 1

December 2022

About the Department

The Department of Mechanical Engineering was established in the year 2012. It offers an UG Course namely B.E Mechanical Engineering with a Sanctioned intake of 60. The department is instituted with a vision to meet the world's sky-rocketing demand for talented mechanical and Industrial Engineers. It deals with the study and application of design, development, installation, operation and Maintenance. These are the areas of development which have created wonders and are most important without

which, the world will not move on. Students are given awareness in the areas of Mechanics, Kinematics, Thermodynamics, Fluid Mechanics, Mechatronics, Robotics and Manufacturing processes which play an important part in modern equipments which are automatically controlled. Students are also made to be aware of different types of fault analysis, stability analysis and corrective measures in various mechanical systems. We edify our students to do even an ordinary thing in an extraordinary way, so they contrive their new challenges, dream high and work hard with faith, concentration and determination.

Vision of the Department

- *To be recognized as a Centre of Excellence in Mechanical Engineering Education and Research.*

Mission of the Department

- *To impart quality education to the students with practical exposure by developing linkages with industries.*
- *To enhance the students' skills through imparting fundamental principles in Mechanical Engineering to make them globally competitive Mechanical Engineers and to prepare them for diverse careers.*
- *To motivate students to excel by augmenting their entrepreneurial skills to serve the society better.*
- *To promote research activities through encouraging the faculty members and students to do innovative projects, attend conferences, development programs and to accomplish publications on emerging trends.*

NATIONAL BOARD OF ACCREDITATION (NBA)

Our Department has got 3 years accreditation from 30-06-2022 to 30-06-2025.

Our Students Achievements in Results

II Year MECH

MUTHURAM R - 8.31 CGPA

RAMSIVAM B - 8.23 CGPA

EZHIL SARATHY M S – 7.90 CGPA

III Year MECH

NAVEEN PRASANTH.P - 8.88 CGPA

MOHANA KRISHNAN G - 8.51 CGPA

KARTHIKRAJA P - 8.26 CGPA

IV Year MECH

LAVANYA.P.A - 9.2 CGPA

KAMALESH.K.B - 8.67 CGPA

PRAVIN .S - 8.65 CGPA

Programme Organized

Programme on "Entrepreneurship Development Program"

Date: 14.09.2022

Resource Person: Mrs.Kayalvizhi BalaSubramanian
Assistant Director at MSME- Development
Institute- Coimbatore, Tamilnadu, India

The Department of Mechanical Engineering organized an expert talk on "Entrepreneurship Development Program" at Seminar hall on 14th September 2022. Dr V Velmurugan, Principal felicitated the gathering & welcomed the chief guest.The program was conducted on the development of entrepreneurship among students. This was chaired by Mrs. Kayalvizhi BalaSubramanian, Assistant director at MSME development institute. She explained to our students what entrepreneurship and career guidance are and also the methods of developing entrepreneurship ideas. She briefed about starting stages of it. She explained the eighteen steps to be followed for becoming a successful entrepreneur. She elaborated about the schemes of the central and state government for developing the ideas of an entrepreneur. She also gave some small business ideas which can be developed and can be used for upcoming entrepreneur. At the end of the program students learned the value of becoming a job provider than to be a job seeker.

ENTREPRENEURSHIP DEVELOPMENT PROGRAM

Mrs. Kayalvizhi BalaSubramanian, Assistant director MSME with Dr.V.Velmurugan Our principal and Dr.T.Venkatajalapathi ,the HOD

Certification Course by Faculty

S.No	Name of the Faculty	Title of the Program	Organizing Institute	Date
1.	Dr. T.Venkatajalapathi	Heat Transfer (Elite with silver grade) Thermodynamics (Elite)	NPTEL-Swayam	July-Sep 2022
2.	Mr.S.Vigneshwaran	Computer Integrated Manufacturing (Elite)	NPTEL-Swayam	July-Sep 2022
3.	Mr. V. Karthikeyan	IC Engines & Gas Turbines	NPTEL-Swayam	July-Sep 2022
4.	Mr.J.EdisonThangaraj	Introduction to Abrasive Machining & Finishing Process Engineering Metrology (Elite)	NPTEL-Swayam	July-Sep 2022
5.	Mr. N. Parthiban	Introduction to Mechanical vibration (Elite) Manufacturing Process Technology I & II (Elite)	NPTEL-Swayam	July-Sep 2022
6.	Mr.P.Manikandan	Engineering Graphics and Design	NPTEL-Swayam	July-Sep 2022

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DR VENKATAJALAPATHI T

for successfully completing the course

Thermodynamics

with a consolidated score of **60** %

Online Assignments	18.22/25	Proctored Exam	41.36/75

Total number of candidates certified in this course: **23**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2022
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL22ME88S64482073 To validate the certificate No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

EDISON THANGARAJ J

for successfully completing the course

Introduction to Abrasive Machining and Finishing Processes

with a consolidated score of **57** %

Online Assignments	13.21/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: **363**

Bharath

Dr. Bharath Kumar
Chairman, Centre for Continuing Education
IIT Tirupati

Jan-Mar 2022
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Tirupati

swayam

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PARTHIBAN N

for successfully completing the course

Introduction to Mechanical Vibration

with a consolidated score of **66** %

Online Assignments	19.38/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **75**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2022
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

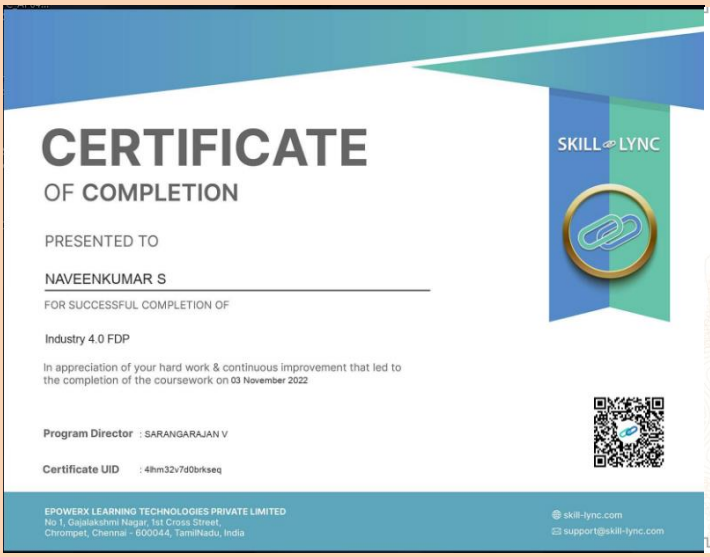
Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL22ME76S13051545 To validate the certificate No. of credits recommended: 2 or 3

Faculty participation

S.No	Name of the Faculty	Title of the Program	Organizing Institute	Date
1.	S.Naveenkumar	Naan Mudhalvan Course on Industry 4.0	PSG College of Technology, Coimbatore	03/11/22
2.	S.Hariharan	Workshop on ERIICE	Rathinam Technical Campus, Coimbatore	19/11/22
		Naan Mudhalvan Course on ARVS Development	Online	19/9/22 to 30/9/22
		Naan Mudhalvan Course on Electrical vehicles and Mobility	Coursera	17/10/22
3.	Dr.Venkatachalapathi	FDP -Thermodynamics	NPTEL Swayam	Jul-Oct 2022
4.	N.Parthiban	FDP -Mechanical Vibration	NPTEL Swayam	Jul-Sep 2022
5.	P.Srinivasan	Naan Mudhalvan Course on Fusion 360 new	PSG College of Technology, Coimbatore	23/9/22



CERTIFICATE
OF COMPLETION

PRESENTED TO

NAVEENKUMAR S

FOR SUCCESSFUL COMPLETION OF

Industry 4.0 FDP

In appreciation of your hard work & continuous improvement that led to the completion of the coursework on 03 November 2022

Program Director : SARANGARAJAN V

Certificate UID : 4lhm32v7d0brkseq

EPOWERX LEARNING TECHNOLOGIES PRIVATE LIMITED
No 1, Gajalakshmi Nagar, 1st Cross Street,
Chrompet, Chennai - 600044, TamilNadu, India

skill-lync.com
support@skill-lync.com

École des Ponts ParisTech

Oct 17, 2022

HARIHARAN S

has successfully completed

Electric Vehicles and Mobility

an online non-credit course authorized by École des Ponts ParisTech and offered through Coursera

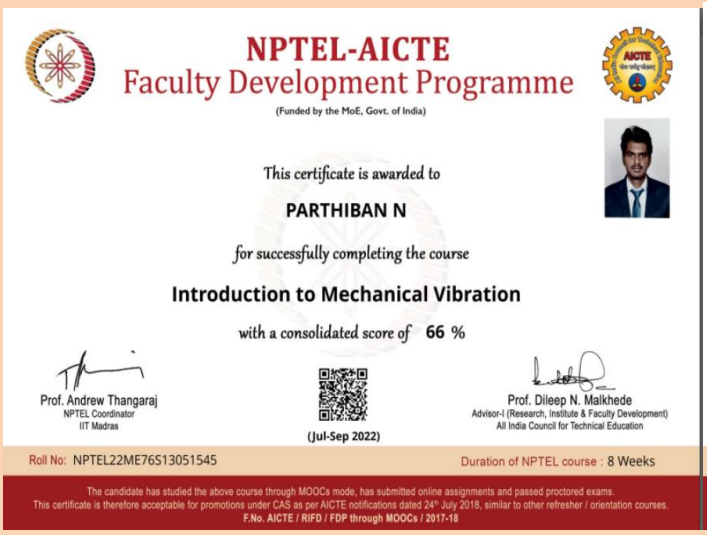
COURSE CERTIFICATE

coursera

Eneric FORTIN
Head of the Master in Transport and Sustainable Development
Direction of Studies, École des Ponts ParisTech

Virginie BOUTUEIL
Researcher at IFMT (City Mobility Transport Lab) , École des Ponts ParisTech
Deputy Director of Sustainable Mobility Institute Renault-ParisTech (IMD)

Verify at:
https://coursera.org/verify/HRKXBR9SNTSP
Coursera has confirmed the identity of this individual and their participation in the course.



NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to

PARTHIBAN N

for successfully completing the course

Introduction to Mechanical Vibration

with a consolidated score of 66 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

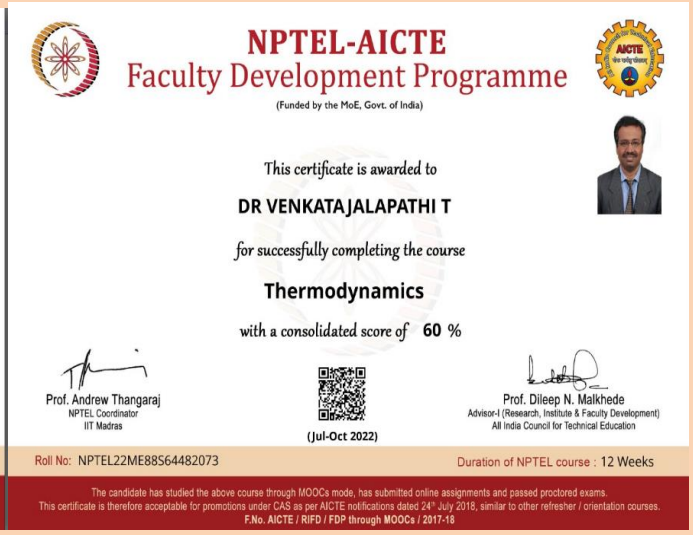
(Jul-Sep 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22ME76S13051545

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to

DR VENKATAJALAPATHI T

for successfully completing the course

Thermodynamics

with a consolidated score of 60 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

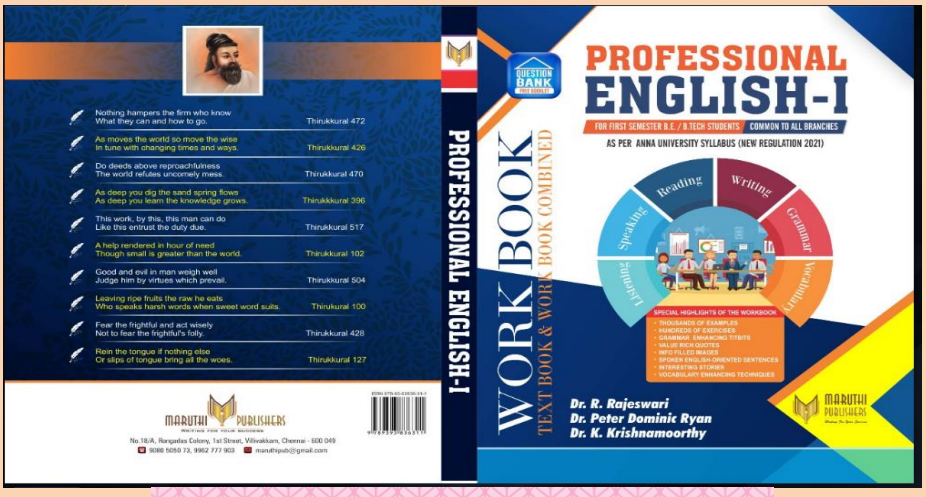
Roll No: NPTEL22ME88S64482073

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Book Publication by Faculty

S.No	Title of the Book or Chapter	Authors name	Publishers Name	ISBN No
1.	Professional English -I	Dr. Peter Dominic Ryan	Maruthi Publications	ISBN 978-81-940582-8-1, 2022
2.	Professional English -II	Dr. Peter Dominic Ryan	Maruthi Publications	ISBN 978-93-93836-31-1, 2022



Ph.D., pursuing by Faculty

S.No	Name of the Faculty	Ph.D., pursuing under the University	Specialization	Status of Ph.D.,	Proposed year of completion
1.	Mr.S.Vigneshwaran	Anna University, Chennai	Mechanical Engineering	Completing course work	2024
2.	Mr.Edison Thangaraj	Anna University, Chennai	Mechanical Engineering	Completing course work	2024
3.	Mr.Hariharan	Jadavpur University	Mechanical Engineering	Pursuing	2025

Student's Achievements

S.No	Name of the Student	Year/ Sem	Achievement	Organizing Institute	Date
1.	BALASUBRAMANIAM.G	II/3	Participated in National level one day Workshop	Rathinam Technical Campus, Coimbatore	19-11-22
2.	RAHUL R.S	II/3	Participated in National level one day Workshop	Rathinam Technical Campus, Coimbatore	19-11-22
3.	ANAND	II/3	Participated in National level one day Workshop	Rathinam Technical Campus, Coimbatore	19-11-22
4.	ABDUL NAJEEF	II/3	Participated in National level one day Workshop	Rathinam Technical Campus, Coimbatore	19-11-22
5.	MOHAMMAD RIYAS	II/3	Participated in National level one day Workshop	Rathinam Technical Campus, Coimbatore	19-11-22
6.	PREM KUMAR.M	IV/7	Participated in Water Rocketry & Quiz	Techno cultural fest, Anna University, Coimbatore	4-11-22
7.	VARUN.H	IV/7	Participated in Water Rocketry & Quiz	Techno cultural fest, Anna University, Coimbatore	4-11-22
8.	LAVANYA P .A	IV/7	Won 2nd prize in Battle Brains	KRISHNECS 2022,Sri Krishna College of Engg. and Technology	18-10-22

RATHINAM TECHNICAL CAMPUS

Workshop on

Exploring the Research Initiatives in Internal Combustion Engines

Department of Mechanical Engineering

Rathinam Technical Campus, Eachanari, Coimbatore - 641 021

Certificate of Participation

Presented to

Mr. Bala Subramanian. G.

VSB College of Engineering Technical Campus.

Has participated in one day National Level Workshop on " Exploring the Research Initiatives in Internal Combustion Engines " [ERIICE] organized by the Department of Mechanical Engineering, Rathinam Technical Campus, Eachanari, Coimbatore - 641 021 held on November 19th , 2022.

Coordinator | Convener & HoD / Mech-Engg | Dean / Mech Sciences

ERIICE — RTC

RATHINAM TECHNICAL CAMPUS

Workshop on

Exploring the Research Initiatives in Internal Combustion Engines

Department of Mechanical Engineering

Rathinam Technical Campus, Eachanari, Coimbatore - 641 021

Certificate of Participation

Presented to

Mr. R.S. Rahul.

VSB College of Engineering Technical Campus

Has participated in one day National Level Workshop on " Exploring the Research Initiatives in Internal Combustion Engines " [ERIICE] organized by the Department of Mechanical Engineering, Rathinam Technical Campus, Eachanari, Coimbatore - 641 021 held on November 19th , 2022.

Coordinator | Convener & HoD / Mech-Engg | Dean / Mech Sciences

ERIICE — RTC

ANNA UNIVERSITY REGIONAL CAMPUS COIMBATORE

Department of Electrical and Electronics Engineering

NATIONAL LEVEL TECHNO CULTURAL FEST

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. VARUN .B of V.S.B COLLEGE OF ENGINEERING TECHNICAL CAMPUS has actively participated in QUIZ during EKNA'22 - National Level Techno Cultural Fest held at Anna University Regional Campus Coimbatore on November 4th 2022.

Convenors Dr. M.Yuvaraju Dr.S.Sumathi | Head of the Department Dr.Aruldoss Albert Victoire | Dean Dr.M.Saravana Kumar

E-CUBE

SRI KRISHNA INSTITUTIONS | INSTITUTION'S INNOVATION COUNCIL | IEEE MADRAS SECTION | Alpheron Resistance is futile

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution | Approved by AICTE)

(Affiliated to Anna University Chennai | Accredited by NAAC with 'A' grade & NBA)

CERTIFICATE OF MERIT

KRISHNECS 2022

A NATIONAL LEVEL TECHNICAL SYMPOSIUM

This is to certify that Mr/Ms P. A. LAVANYA of V.S.B COLLEGE OF ENGINEERING TECHNICAL CAMPUS has been awarded SECOND Prize in BATTLE BRAINS held as a part of **KRISHNECS 2K22 - A National Level Technical Symposium conducted by** Department of Electronics and Communication Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Sponsored by IEEE Madras Section on 18.10.2022

Coordinator / IEEE STB | HOD | Principal

ANNA UNIVERSITY REGIONAL CAMPUS COIMBATORE

Department of Electrical and Electronics Engineering

NATIONAL LEVEL TECHNO CULTURAL FEST

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. PREMKUMAR M of V.S.B COLLEGE OF ENGINEERING TECHNICAL CAMPUS has actively participated in WATER ROCKETRY during EKNA'22 - National Level Techno Cultural Fest held at Anna University Regional Campus Coimbatore on November 4th 2022.

Convenors Dr. M.Yuvaraju Dr.S.Sumathi | Head of the Department Dr.Aruldoss Albert Victoire | Dean Dr.M.Saravana Kumar

E-CUBE

Student's Placement Details

S.No	Name of the Student	Company Name	Salary Package
1.	KAMALESH K.B	ACCENTURE	4,58,000
2.	HARI PRAKASH .M	DXC TECHNOLOGY	4,00,000
3.	NANDHAKUMAR .S	DXC TECHNOLOGY	3,36,000
4.	SUGUMAR M	TCS	3,36,000
5.	PRAVIN .S	DXC TECHNOLOGY	4,00,000
6.	RAGHURAM .R.K	DXC TECHNOLOGY	4,00,000
		TCS	3,36,000
7.	MOUN MANOJ .A	DXC TECHNOLOGY	4,00,000
		ACCENTURE	4,58,000
8.	SAUNDARA RAJAN .R	TCS	3,36,000
		ACCENTURE	4,58,000
9.	DEEPAK .S	DXC TECHNOLOGY	4,00,000
10.	LOGASUNDAR .K	TCS	3,36,000
11.	ROHIT,S	DXC TECHNOLOGY	4,00,000
		CTS	4,00,000
		ACCENTURE	4,58,000
12.	ABIN P.A	FACE PREP	3,13,000